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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:10:38 ON 16 APR 2007

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:11:10 ON 16 APR 2007

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 APR 2007 HIGHEST RN 930272-82-5

DICTIONARY FILE UPDATES: 15 APR 2007 HIGHEST RN 930272-82-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s KPVQYWTQMFYT

0 KPVQYWTQMFYT
L1 0 KPVQYWTQMFYT

=> s KPVQYWTQMFYT/SQEP

1 KPVQYWTQMFYT/SQEP
201268 SQL=12
L2 1 KPVQYWTQMFYT/SQEP
(KPVQYWTQMFYT/SQEP AND SQL=12)

=> s KPVQYWTQMFYT/SQSP

L3 2 KPVQYWTQMFYT/SQSP

=> dup rem l1 l2

L1 HAS NO ANSWERS

DUPLICATE IS NOT AVAILABLE IN 'REGISTRY'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING COMPLETED FOR L1

PROCESSING COMPLETED FOR L2

L4 1 DUP REM L1 L2 (0 DUPLICATES REMOVED)
ANSWER '1' FROM FILE REGISTRY

=> KHVQYWTQMFYS/SQEP

KHVQYWTQMFYS IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

```
=> s KHVQYWTQMFYS/SQEP
      1 KHVQYWTQMFYS/SQEP
201268 SQL=12
L5      1 KHVQYWTQMFYS/SQEP
      (KHVQYWTQMFYS/SQEP AND SQL=12)
```

```
=> s KPAQYWTQMFYS/SQEP
      1 KPAQYWTQMFYS/SQEP
201268 SQL=12
L6      1 KPAQYWTQMFYS/SQEP
      (KPAQYWTQMFYS/SQEP AND SQL=12)
```

```
=> FIL CAPLUS
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                61.90      62.11
```

FILE 'CAPLUS' ENTERED AT 15:19:09 ON 16 APR 2007
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FILE COVERS 1907 - 16 Apr 2007 VOL 146 ISS 17
FILE LAST UPDATED: 15 Apr 2007 (20070415/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

```
=> s l4
L4 CANNOT BE SEARCHED IN CAPLUS
The L-number cannot be used because it does not contain a query.
Enter DISPLAY HISTORY to see the sequence of commands that created
this L-number.
```

```
=> s l3
L7      2 L3
```

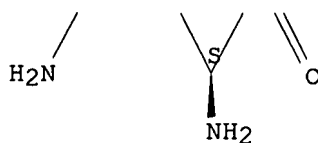
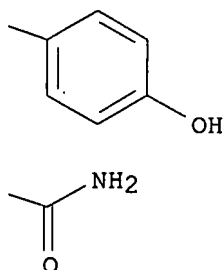
```
=> d7 ibib abs hitstr tot
D7 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).
```

```
=> d l7 ibib abs hitstr tot
```

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6747135	B1	20040608	US 1999-419381	19991015
US 2004176578	A1	20040909	US 2003-692151	20031014
PRIORITY APPLN. INFO.:			US 1998-104465P	P 19981016
			US 1999-419381	A1 19991015

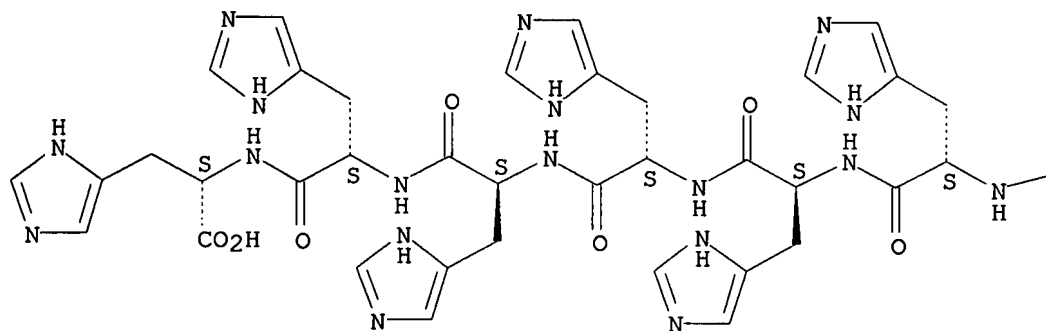
Absolute stereochemistry.

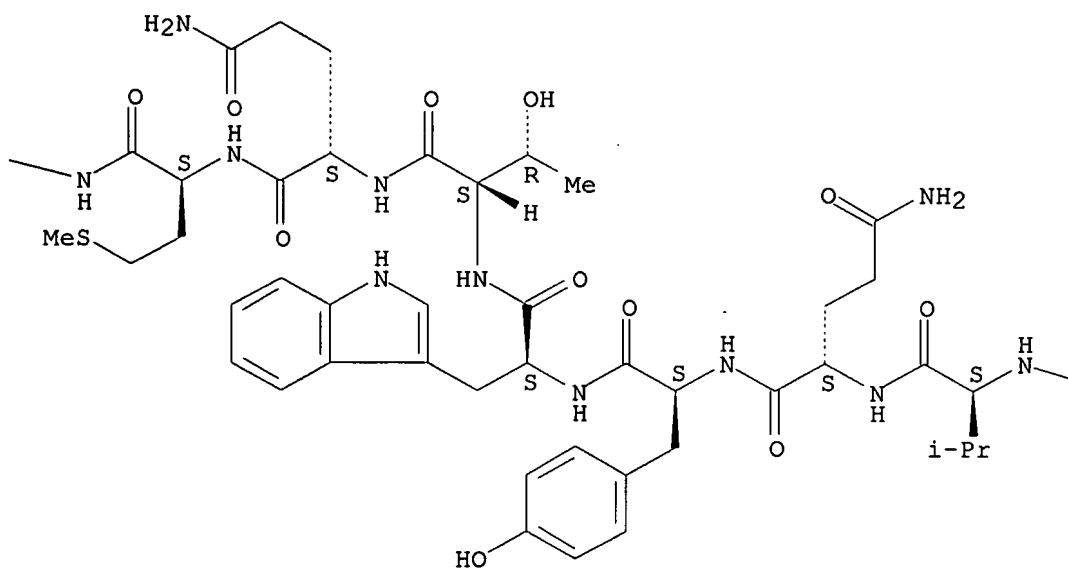
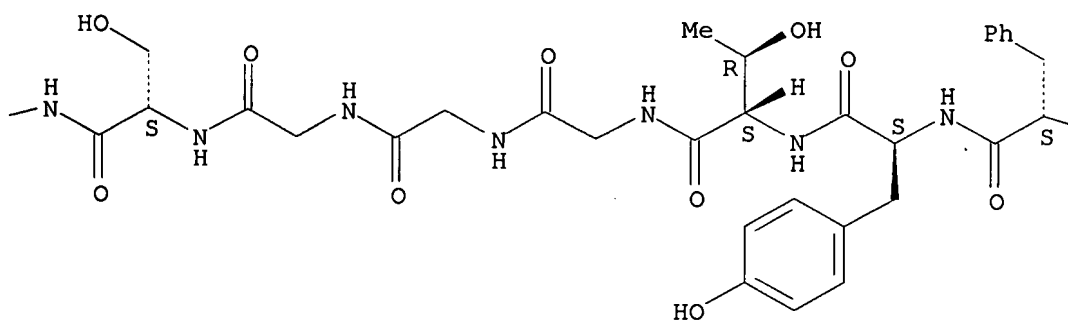
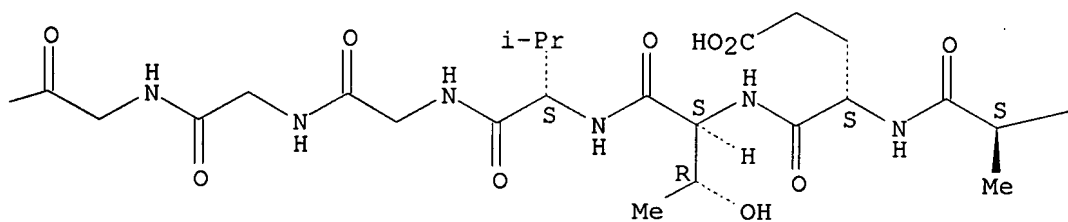
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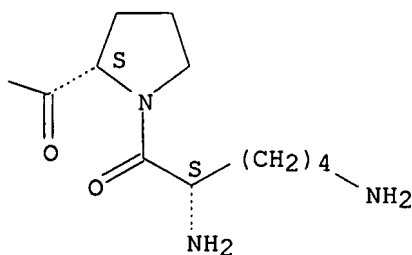


IT 700846-47-5
 RL: PRP (Properties)
 (unclaimed sequence; fluorescent dye binding peptides)
 RN 700846-47-5 CAPLUS
 CN L-Histidine, L-lysyl-L-prolyl-L-valyl-L-glutamyl-L-tyrosyl-L-tryptophyl-L-threonyl-L-glutamyl-L-methionyl-L-phenylalanyl-L-tyrosyl-L-threonylglycylglycylglycyl-L-seryl-L-alanyl-L- α -glutamyl-L-threonyl-L-valylglycylglycylglycyl-L-histidyl-L-histidyl-L-histidyl-L-histidyl-L-histidyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.







REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:278000 CAPLUS

DOCUMENT NUMBER: 132:319524

TITLE: Fluorescent dye binding peptides for the determination of biomolecules

INVENTOR(S): Nolan, Garry P.; Rozinov, Michael N.

PATENT ASSIGNEE(S): The Board of Trustees of the Leland Stanford Junior University, USA

SOURCE: PCT Int. Appl., 64 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000023463	A2	20000427	WO 1999-US24266	19991015
WO 2000023463	A3	20000817		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 1998-104465P P 19981016

AB The present invention is directed to novel polypeptides, termed fluorettes, that bind with high avidity to fluorophore dyes. Peptides are selected from phage display libraries using the immobilized fluorophores. Fluorophores are selected from the group of Texas Red, Rhodamine Red, Oregon Green 514, and fluorescein. The peptides find use in a variety of methods and approaches involving fluorophore dyes.

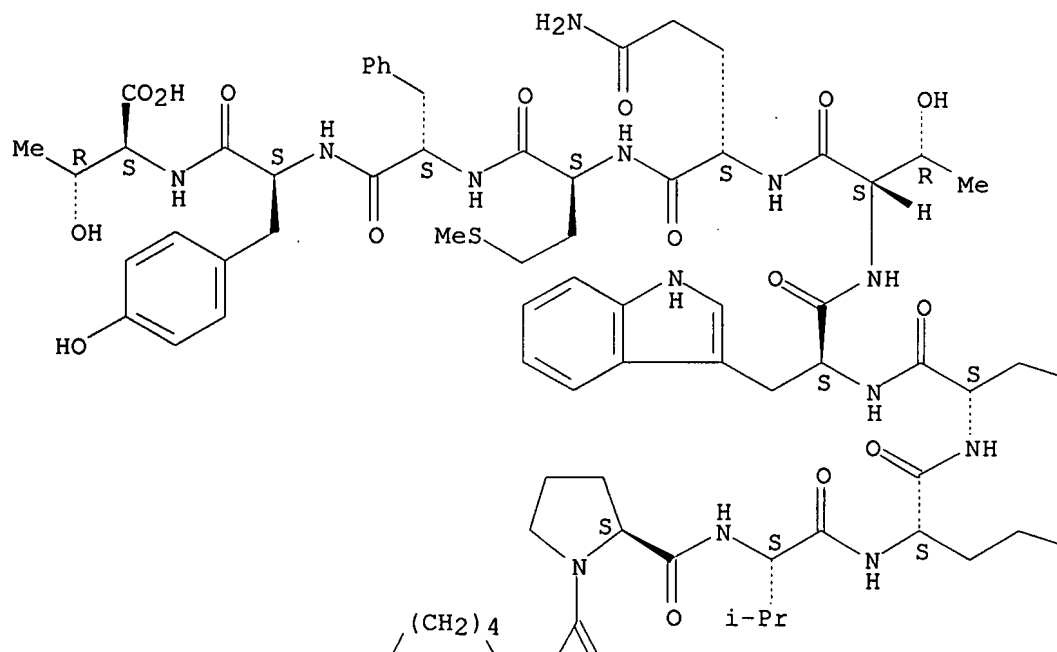
IT 265979-68-8

RL: ARG (Analytical reagent use); PEP (Physical, engineering or chemical

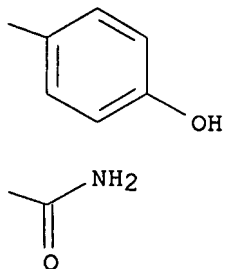
(fluorescent dye binding peptides for determination of biomols.)

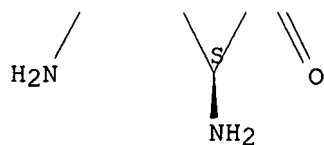
CN L-Threonine, L-lysyl-L-prolyl-L-valyl-L-glutaminyl-L-tyrosyl-L-tryptophyl-L-threonyl-L-glutaminyl-L-methionyl-L-phenylalanyl-L-tyrosyl- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B





=> s 15

L8 2 L5

=> s 18 not 17

L9 0 L8 NOT L7

=> s 16

L10 2 L6

=> s 16 not 17

2 L6

L11 0 L6 NOT L7

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

14.77

76.88

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-1.56

-1.56

STN INTERNATIONAL LOGOFF AT 15:24:21 ON 16 APR 2007